MR Form 3
(Revised 1984)

ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year January 1986
to Month/Year December 1986

(To be submitted for each mining operation at the end of each calendar year to the Division at this address:)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
(801) 538-5340

OPERATOR: Umetco Minerals Corporation MINE NAME: Wilson-Silverbell Mine

ADDRESS: P. O. Box 307, La Sal, Utah 84530

PERMIT NUMBER AND DATE OF PERMIT: ACT/037/027 12/21/80

REPRESENTATIVE: J. L. Hasty

SECTION(S): 15,21, & 22 TOWNSHIP(S): 32S RANGE(S): 26E

MINERAL(S) MINED: Uranium & vanadium

STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: None

SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY: None

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

Disturbance	Acreage
Pit	Not Applicable
Roads	
Facilities	
Waste Dumps	
Other	

(b) Tabulation of acreage affected to date (by years).

Date by Year	Acreage (Total	Date by Year	Acreage
1975	0	1985	21.4
1976	0	1986	21.4
1977	10		
1978	10		
1979	10		
1980	10		
1981	10		
1982	10		
1983	21.4		
1984	21.4		

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

SOIL TABULATION CHART

Area Affected (in mining sequence) (If more space is needed, please attach.)	Area 1	2	3	etc.
Acreage of Area	None			
Depth of Topsoil Removal (inches)				
Depth of Topsoil Replacement (inches)*				
Estimate of Topsoil Volume Salvaged (yd^3 or ac ft)				
Volume Actually Salvaged (yd^3 or ac ft)				
Volume Required for Reclamation (yd^3 or ac ft)				
Surplus or Deficit Volume (yd^3 or ac ft)				
Storage Status (short- or long-term)				

Soil Tabulation Chart (continued)

Area Affected (in mining sequence)	Area 1	2	3	etc.
Storage Location				
Area Where Soil Has Been Used (if not stored)				
Running Total (all stockpiles) (yd^3 or ac ft)				
Short-term				
Long-term				

*Of previously stripped area recently reclaimed.

(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

Area	Date	Acreage
None		

(e) Tabulation of quantity of commodity mined.

	Commodity	Tonnage
(Mined)	None	
(Milled)	None	

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

1. Buildings and support facilities.
   None

2. Roads.
   None

3. Diversion ditches, collector ditches, interceptor ditches, etc.
None

4. Culverts.
None

5. Sediment ponds, containment ponds.
None

6. Monitoring sites (vegetative, air quality, surface subsidence, surface water or ground water, etc.).
None

7. Topsoil stockpiles.
None

(g) Description of any environmental problem areas with a proposed plan for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.
not-applicable

2. Subsidence.
None

3. Accidental water discharge, dam failure, etc.
None

4. Slumping, sliding or erosion.
None

5. Revegetation problem areas.
None

6. Existence and location of unsuitable (toxic) overburden.
None

RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

Area	Acreage
None	

2. Topsoiled areas.

Area	Acreage
None	

3. Seeded areas.

Area	Acreage
None	

4. Reseeded areas (areas previously seeded, then seeded again).

Area	Acreage
None	

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

Year	Acreage	Year	Acreage
1975	0	1985	0
1976	0	1986	0
1977	0		
1978	0		
1979	0		
1980	0		
1981	0		
1982	0		
1983	0		
1984	0		

(c) Description of the reclamation procedures used during the report period, including:

1. Average depth of topsoil applied.
Not Applicable

2. Type of seed (species) used for seeding during the report period.
Not Applicable

3. Date of seeding during the report period.

Spring None

Fall

4. Seeding procedures used.

(Hand broadcast or drilled or any other).
None

5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)
None

6. Type and rate of fertilizer applied.
None

7. Type and rate of mulch applied.
None

8. Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.).
None

9. Revegetation test plot information.

(Cover, density, productivity, etc.)
None

10. Soil analysis results.
None

(d) Description of results of previous revegetation efforts, including: (This should be done as applicable.)

1. Types (species) of seed that have germinated and are growing.
None

2. Types (species) of seed that are not growing successfully.
None

3. Areas experiencing problems with weeds and weed types.
None

4. Significant erosional problems.
None

5. Areas of unsuitable overburden on the surface as related to revegetation failure.
None

6. Procedures used or proposed to correct these problems.
Not Applicable

7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

Area	Date	Acreage
None		

8. Results of soil analysis.

None

(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

	Acres	Cost/Acre
1. Grading	None	
2. Backfilling		
3. Contouring		
4. Topsoil Replacement		
5. Seeding		
A. Seedbed Preparation		
B. Mulch		
C. Fertilizer		
D. Seed		
6. Other		

BOND INFORMATION:

A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

	Amount	Type	Date Posted
Present Bond	$142,280.00	Surety Contract	January 25, 1985

Increased disturbance, if any:

None

Increased Bond Amount (attached reclamation estimate).

B. Bond release.

Acres	Bond Amount Released	Date

ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

(a) Permit stipulations (status).
(b) Other special conditions (status).

The mine was on standby status during all of 1986. The mine discharge water exceeds the permissible level for radium, uranium, selenium, and arsenic. An abatement plan is being developed in conjunction with the Utah Department of Health. A copy of future submittals to the Health Department will be also be mailed to the Division of Oil, Gas and Mining.

APPENDIX I

ANNUAL REPORT MAPS

1. Maps must be clear and legible contour maps or recent aerial photos. The scale should be 1 inch = 500 feet to adequately show topographic features.

2. Map sheets should be of a reasonable size, not to exceed 48 inches on a side.

3. Maps must have a title block with:

   A. Map title.
   B. Name and address of permittee.
   C. Permit and amendment numbers.
   D. Annual report period.
   E. Scale, north arrow, contour interval, date of photography, etc.

4. All maps must show:

   A. Legal subdivisions.
   B. Permit area boundary clearly shown and labelled.
   C. Amendment areas clearly shown and labelled.
   D. Contour features.

5. The following features should all be clearly identified:

   A. Topsoil stockpiles (numbered and with volumes).
   B. Settling ponds and sediment control structures.
   C. Haul roads.
   D. Pits identified by location, name, number, etc.
   E. Ramps (numbered).
   F. Out-of-pit spoil dumps.
   G. All waste disposal sites including, but not limited to:
      1. Landfill sites.
      2. Carbonaceous waste dumps.
   H. Diversion ditches.
   I. Monitoring sites.

6. All areas to be affected by mining and reclamation in the coming year should be outlined and labelled.